



BEAMZ
MADE
EAZY

151.525 V1.0

NEUTRON-DOT
QUICK **START GUIDE**

CONTROL MENU

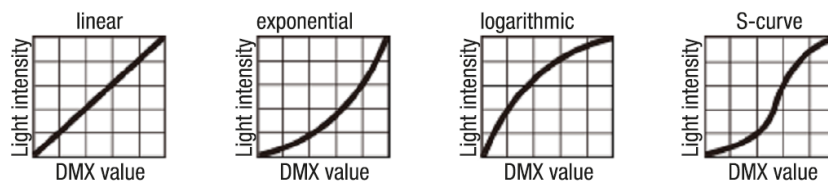
If the display is in standby, unlock it



MENU		DESCRIPTION			
DMX ADDRESS	Set DMX Adress	001-512			
MODE	DMX Mode	1 Ch			
		3 Ch			
		4 Ch			
		16 Ch			
		64 Ch			
		Slave	Slave		
	Auto	Auto Program	Program 1		
			...		
		Program30			
		Auto Speed	000-255		
		Static	Dimmer	000-255	
			Duration	000-255	
			Strobe	000-255	
			Dimmer Effect	000-255	
			Aura Dimmer	000-255	
			Aura CTC	000-255	
			Aura Macro	000-255	
			Aura Red	000-255	
			Aura Green	000-255	
			Aura Blue	000-255	
Program	000-255				
Program Speed	000-255				
SETTINGS	Display Rev	ON			
		OFF			
	Display	ON	Permanently on		
		OFF	Deactivation after approx.1 minute of inactivity		
	DMX Fail	Hold	Last command is held		
		Blackout	Blackout		
		Auto	Auto1 mode		
	Dimmer Curve	Linear	The light intensity increases linearly with the DMX value		
		Exp	Adjustment of the light intensity is finer in the lower DMX value range and coarser in the upper DMX value range		
		Log	Adjustment of the light intensity is coarser in the lower DMX value range and finer in the upper DMX value range		
		S-Curve	Adjustment of the light intensity is finer in the lower and upper DMX value ranges and coarser in the middle DMX value range		
	Dimmer Response	LED	The spotlight responds abruptly to changes in the DMX value		
		Halogen	The spot behaves in a manner similar to that of a halogen lamp with gentle changes in brightness		
	LED Frequency	800Hz		Setting the LED PWM frequency	
		1200Hz			
		2000Hz			
		3600 Hz			

	6000 Hz		
	15K Hz		
Test	Function test	ON	Test sequence with LEDs
		OFF	
Factory Reset	Reset Now?		
Auto Lock	No lock		Key lock closure
	60 Seconds		Key lock closure, As the key lock opens, display screen backlight 60 seconds out, button is locked, need operation buttons, first to ENTER a password to unlock, ENTER the password to operation display panel buttons UP, DOWN, UP, DOWN, press ENTER to unlock
SYSTEM INFO	Firmware	Software Version Vxxx	Displays the firmware of the device components
	RDM UID	xxxxxx	
	Error Info	LED Sensor: Error/OK	
	Temp	xxx°C	LED temperature
Temperature	Temp Unit	Fahrenheit	
		Celsius	
	Power on	xxx (Hours)	Displays the total operating time in hours
Time Info	Last Run Hrs	xxx (Hours)	Displays the operating time since the last operation

DIMMING CURVES



DMX CHANNELS

1 CHANNEL

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	0%-100%

3 CHANNEL

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	0%-100%
2	DURATION	000-255	Beam Strobe Duration 7-650ms
3	BEAM STROBE	000-005	Strobe Open
		006-010	Strobe Close
		011-250	Strobe slow->fast-<0-20Hz
		251-255	Strobe Open

4 CHANNEL

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	0%-100%
2	DURATION	000-255	Beam Strobe Duration 7-650ms
3	BEAM STROBE	000-005	Strobe Open
		006-010	Strobe Close
		011-250	Strobe slow->fast-<0-20Hz
		251-255	Strobe Open
4	BEAM DIMMER EFFECTS	000-010	No Effect
		011-060	Ramp Up
		061-110	Ramp Down
		111-160	Ramp UP,Ramp Down
		161-255	No Effect

16 CHANNEL

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	0%-100%
2	BEAM DIMMER FINE	000-255	0%-100%
3	DURATION	000-255	Beam Strobe Duration 7-650ms
4	BEAM STROBE	000-005	Strobe open
		006-010	Strobe Close
		011-022	Ramp up/down, slow -> fast
		023-033	Ramp up/down random, slow->fast
		034-045	Ramp up, slow -> fast
		046-056	Ramp up random, slow -> fast
		057-068	Ramp down, slow -> fast
		069-079	Ramp down random, slow -> fast
		080-102	Random Strobe effect, slow -> fast
		103-127	Strobe Break effect, 5s....1s (Short burst with break)
		128-250	Strobe slow->fast-<0-20Hz
		251-255	Strobe Open
5	BEAM DIMMER EFFECTS	000-010	No Effect
		011-060	Ramp Up
		061-110	Ramp Down
		111-160	Ramp UP,Ramp Down
		161-255	No Effect
6	DEVICE SETTINGS	000-005	No function
		006-015	Display on (Hold 3s)
		016-025	Display off (Hold 3s)

		026-035	Spare
		036-045	Dimmer Curve Linear (Hold 3s)
		046-055	Dimmer Curve Square (Hold 3s)
		056-065	Dimmer Curve inv. Square (Hold 3s)
		066-075	Dimmer Curve S-Curve (Hold 3s)
		076-085	Spare
		086-096	Dimmer Response LED (Hold 3s)
		097-105	Dimmer Response Halogen (Hold 5s)
		106-115	Spare
		116-125	Led PWM Freq. 800 Hz (hold 3s)
		126-135	Led PWM Freq. 1200 Hz (hold 3s)
		136-145	Led PWM Freq. 2000 Hz (hold 3s)
		146-155	Led PWM Freq. 3600 Hz (hold 3s)
		156-165	Led PWM Freq. 6000 Hz (hold 3s)
		166-175	Led PWM Freq. 15KHz (hold 3s)
		176-255	No function
7	AURA DIMMER	000-255	0%-100%
8	AURA STROBE	000-005	Strobe open
		006-010	Strobe Close
		011-022	Ramp up/down, slow -> fast
		023-033	Ramp up/down random, slow->fast
		034-045	Ramp up, slow -> fast
		046-056	Ramp up random, slow -> fast
		057-068	Ramp down, slow -> fast
		069-079	Ramp down random, slow -> fast
		080-102	Random Strobe effect, slow -> fast
		103-127	Strobe Break effect, 5s.....1s (Short burst with break)
		128-250	Strobe slow->fast-<0-20Hz
		251-255	Strobe Open
9	AURA CTC	000-010	No function
		011-100	2000K to 11000K in 100K steps (11=2000K, 56=6500K, 101=11000K)
		101-255	11000K
10	AURA COLOR MACRO	000-015	No function
		016-021	Burlywood1-255-211-155
		022-027	Gold-255-215-0
		028-033	Orange-255-165-0
		034-039	Tomato-255-99-71
		040-045	OrangeRed-255-69-0
		046-051	HotPink-255-105-180
		052-057	Orchid-218-112-214
		058-063	Purple-160-32-240
		064-069	Orchid1-255-131-250
		070-075	Plum1-255-187-255
		076-081	DarkOrchid1-191-62-255
		082-087	Purple2-145-44-238
		088-093	VioletRed1-255-62-150
		094-099	PaleVioletRed1-255-130-171
		100-105	DeepPink1-255-20-147
		106-111	DeepPink3-205-16-118
		112-117	Tomato2-238-92-66
		118-123	Brown1-255-64-64
		124-129	Chartreuse-127-255-0


		130-135	MedSpringGreen-0-250-154
		136-141	PaleGreen-152-251-152
		142-147	Aquamarine-127-255-212
		148-153	Cyan-0-255-255
		154-159	SkyBlue-135-206-235
		160-165	SlateBlue-106-90-205
		166-171	Chartreuse1-127-255-0
		172-177	SpringGreen1-0-255-127
		178-183	SeaGreen4-46-139-87
		184-189	DarkSlateGray1-151-255-255
		190-195	PaleTurquoise1-187-255-255
		196-201	PaleTurquoise4-102-139-139
		202-207	Cyan1-0-255-255
		208-213	Turquoise-64-224-208
		214-219	MidnightBlue-25-25-112
		220-225	Seashell-255-245-238
		226-231	OrangeRed-255-69-0
		232-237	DeepPink-255-20-147
		238-243	Magenta-255-0-255
		244-249	MediumPurple-255-0-255
		250-254	MistyRose1-255-228-255
		255	Maroon-238-48-167
11	AURA RED	000-255	0%-100%
12	AURA GREEN	000-255	0%-100%
13	AURA BLUE	000-255	0%-100%
14	PROGRAM DIMMER	000-255	0%-100%
15	PROGRAM	000-015	No function
		016-023	Program1
		024-031	Program2
		032-039	Program3
		040-047	Program4
		048-055	Program5
		...-...	...
		240-247	Program 29
		248-255	Program 30(Auto program 1-29 cycle)
16	PROGRAM SPEED	000-255	Program speed,slow->fast

64 CHANNEL

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	0%-100%
2	BEAM DIMMER FINE	000-255	0%-100%
3	DURATION	000-255	Beam Strobe Duration 7-650ms
4	BEAM STROBE	000-005	Strobe open
		006-010	Strobe Close
		011-022	Ramp up/down, slow -> fast
		023-033	Ramp up/down random, slow->fast
		034-045	Ramp up, slow -> fast
		046-056	Ramp up random, slow -> fast
		057-068	Ramp down, slow -> fast
		069-079	Ramp down random, slow -> fast
		080-102	Random Strobe effect, slow -> fast
		103-127	Strobe Break effect, 5s.....1s (Short burst with break)
		128-250	Strobe slow->fast-<0-20Hz

		251-255	Strobe Open
5	BEAM DIMMER EFFECTS	000-010	No Effect
		006-060	Ramp Up
		061-110	Ramp Down
		111-160	Ramp UP,Ramp Down
		161-255	No Effect
6	DEVICE SETTINGS	000-005	No function
		006-015	Display on (Hold 3s)
		016-025	Display off (Hold 3s)
		026-035	Spare
		036-045	Dimmer Curve Linear (Hold 3s)
		046-055	Dimmer Curve Square (Hold 3s)
		056-065	Dimmer Curve inv. Square (Hold 3s)
		066-075	Dimmer Curve S-Curve (Hold 3s)
		076-085	Spare
		086-096	Dimmer Response LED (Hold 3s)
		097-105	Dimmer Response Halogen (Hold 5s)
		106-115	Spare
		116-125	Led PWM Freq. 800 Hz (hold 3s)
		126-135	Led PWM Freq. 1200 Hz (hold 3s)
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		146-155	Led PWM Freq. 3600 Hz (hold 3s)
		156-165	Led PWM Freq. 6000 Hz (hold 3s)
		166-175	Led PWM Freq. 15KHz (hold 3s)
		176-255	No function
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		006-010	Strobe Close
		011-022	Ramp up/down, slow -> fast
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		128-250	Strobe slow->fast-<0-20Hz
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		040-045	OrangeRed-255-69-0
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		052-057	Orchid-218-112-214
		058-063	Purple-160-32-240
		064-069	Orchid1-255-131-250
		070-075	Plum1-255-187-255

		076-081	DarkOrchid1-191-62-255
		082-087	Purple2-145-44-238
		088-093	VioletRed1-255-62-150
		094-099	PaleVioletRed1-255-130-171
		100-105	DeepPink1-255-20-147
		106-111	DeepPink3-205-16-118
		112-117	Tomato2-238-92-66
		118-123	Brown1-255-64-64
		124-129	Chartreuse-127-255-0
		130-135	MedSpringGreen-0-250-154
		136-141	PaleGreen-152-251-152
		142-147	Aquamarine-127-255-212
		148-153	Cyan-0-255-255
		154-159	SkyBlue-135-206-235
		160-165	SlateBlue-106-90-205
		166-171	Chartreuse1-127-255-0
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		178-183	SeaGreen4-46-139-87
		184-189	DarkSlateGray1-151-255-255
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		196-201	PaleTurquoise4-102-139-139
		202-207	Cyan1-0-255-255
		208-213	Turquoise-64-224-208
		214-219	MidnightBlue-25-25-112
		220-225	Seashell-255-245-238
		226-231	OrangeRed-255-69-0
		232-237	DeepPink-255-20-147
		238-243	Magenta-255-0-255
		244-249	MediumPurple-255-0-255
		250-254	MistyRose1-255-228-255
		255	Maroon-238-48-167
11	AURA RED	000-255	0%-100%
12	AURA GREEN	000-255	0%-100%
13	AURA BLUE	000-255	0%-100%
14	PROGRAM DIMMER	000-255	0%-100%
15	PROGRAM	000-015	No function
		016-023	Program1
		024-031	Program2
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		040-047	Program4
		048-055	Program5
		...-...	...
		240-247	Program 29
		248-255	Program 30(Auto program 1-29 cycle)
16	PROGRAM SPEED	000-255	Program speed, slow->fast
17	AURA RED	000-255	Aura Red Pixel 1, 0-100%
18	AURA GREEN	000-255	Aura Green Pixel 1, 0-100%
19	AURA BLUE	000-255	Aura Blue Pixel 1, 0-100%
20	AURA RED	000-255	Aura Red Pixel 2, 0-100%
21	AURA GREEN	000-255	Aura Green Pixel 2,0-100%
22	AURA BLUE	000-255	Aura Blue Pixel 2, 0-100%
...-...	...



...-...	...
59	AURA RED	000-255	Aura Red Pixel 15, 0-100%
60	AURA GREEN	000-255	Aura Green Pixel 15, 0-100%
61	AURA BLUE	000-255	Aura Blue Pixel 15, 0-100%
62	AURA RED	000-255	Aura Red Pixel 16, 0-100%
63	AURA GREEN	000-255	Aura Green Pixel 16, 0-100%
64	AURA BLUE	000-255	Aura Blue Pixel 16, 0-100%



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BEAMZ

YOUR FUTURE
YOUR SKILLS
YOUR PLATFORM
YOUR PARTY
YOUR EVENT



offers a wide range of high performance lighting equipment and related accessories for the rental, entertainment and architectural lighting markets. BeamZ Pro stands for performance, innovation and value pricing!

